HARRELL
DESIGN GROUP, PC
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CLARIFICATIONS

Amendment No. A00006
Solicitation No. VA246-15-B-0371

In addition to the Bidder Inquiries List, the following items need to be included in the Amendment:

Specifications:

1. 235011 2.18
   Contractor shall coordinate with VA for Chemical Treatment vendor to provide chemical treatment services for a period of one year once the boilers have been accepted by the Government for operation.

2. 251010
   ADVANCED UTILITY METERING SYSTEM – Added Specification

3. 014500
   Added Quality Control Specification

4. 013323
   Added Master Submittal List to be included as a part at the end of 013323.

5. 01 00 00 1.6G
   Revise 1.6G to read as follows:

   Phasing: to insure such executions, Contractor shall furnish the COR with a schedule of approximant phasing dates on with the Contractor intends to accomplish work in the specific area of site, building or portion thereof. In addition, Contractor shall notify the COR two weeks in advance of the proposed date of starting work in each specific area of site, building or portion thereof. Arrange such phasing dates to insure accomplishment of this work in successive phases mutually agreeable to Medical Center Director, COR and Contractor as shown on the Phasing plans GC101, GC102, GC103 and GC104.

6. 01 91 00
   Revise 1.1B to include Divisions 21 and 28
   Revise 1.1D to include Divisions 21 and 28
   Revise 3.2A to include Divisions 21 and 28
   Revise 1.7 to include the following:

Electronic Safety and Security	
Grounding & Bonding	Witness 3rd party testing, review reports
Physical Access Control Systems	Witness 3rd party testing, review reports
Access Control Systems	Witness 3rd party testing, review reports
Security Access Detection Systems	Witness 3rd party testing, review reports
Video Surveillance System	Witness 3rd party testing, review reports

Electronic Personal Protection System	Witness 3rd party testing, review reports
Fire Detection and Alarm System	100% device acceptance testing, battery draw-down test, verify system monitoring, verify interface with other systems.

Revise 3.5 to include all trending alarms for Boilers #3 and #4 on all the matrices. The trending alarms for Boilers #3 and #4 shall be the same as Boilers #1 and #2.

7. 26 32 13
   Revise 2.1.B to include the following:
   Basis of design manufacturers are Caterpillar and Cummins.

8. 00 01 13
   Replace the Project Seals Page to include the Signed and Sealed page.

9. 26 24 13
   Revise 2.9 to include:

   A. Refer to Section 25 10 10, ADVANCED UTILITY METERING.

   B. Provide current transformers for each meter. Current transformers shall be wired to shorting-type terminal blocks.

   C. Provide voltage transformers including primary fuses and secondary protective devices for metering.

Drawings:

1. GI101-
   Remove list of Bid Deducts from this sheet. Use the Bid Item List as listed in the Solicitation for Bid.

2. AF601
   Revise the Room Finish Schedule to reflect the following changes:
   Room 105A- CT-1/CT-2/P-1 on walls A, B, C & D.
   Room 109A- CT-1/CT-2/P-1 on walls A, B, C, & D.

3. MP103
   Drawing MP103 is revised and re-issued.

4. MP707
   Drawing MP707 is revised and re-issued.

5. MP602
   Steam/Water Separators basis of design is Thermaflow. Acceptable alternates are Armstrong or Watson McDaniel.

6. MP702-drawing grid A-5
   Provide flowmeter (0-300 gpm) with isolation valves, strainer and bypass between the surge tank and the deaerator tank.

7. MP703
   Add Note 13 at drawing grid C-9 to read “All opacity monitors shall be rated for outdoor installation.”

8. MP703
   Add Note 14 at drawing grid C-9 to read “All instrument gauges on the boiler master control panel shall be flush mounted.”

9. MP702
   Add temperature regulator valve at drawing grid B-7 to OFL from DEA line down stream of CV-5 to floor drain.

10. E601
    The 750kVA padmount transformer to be provided with dual-voltage primary (12,470GRDY/7,200 - 4,160 GRDY/2400).

11. EP105
    a. Sheet keynotes to read:
       1. 120V connection to control panel.
       2. 3/4" conduit with required wiring to motorized controllers. See sheet EP103 for location.
    b. Provide 120 volt connection to Deaerator Control Panel. Put on circuit LB4-10 with 2#12, 1#12G-3/4”c.
    c. Provide 120 volt connection to Surge Tank Control Panel. Put on circuit LB4-12 with 2#12, 1#12G-3/4”c.

12. EP106
    a. Sheet keynotes to read:
       1. Contractor to build unistrut structure to mount disconnect on unistrut structure at unit.
       2. Contractor to build unistrut structure to mount receptacle on unistrut structure at unit.
13. EL106
    a. Sheet Keynote 6 to read:
       “New copper telephone cable, fiber optical cable and CATV cable to be run in 6” conduit, 4” conduit and 2” conduit respectively.

14. Sheet ES101
    a. Sheet keynote 5 to read:
       “Provide one 3” conduit for the tie-in for the existing Medgas control panel in the existing ECC room with the new Medgas control panel in the new ECC room. Provide one 1” conduit for the tie-in for the existing Energy Management system in the existing ECC room with the new Energy Management system in the new ECC room. Run the new conduits in the existing and new tunnel. Provide required conduit supports.”

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15. Sheet E601
    a. The automatic transfer switch to be changed from a Closed-Transition type to an Open-Transition type.

16. Sheet MP702-

A. The piping schematic shows OFL pipe from the deaearator down stream of CV-5 to be routed to floor drain without a temperature regulator valve. Provide a temperature regulator valve down stream of CV-5 should be provided. Match valve size to size of deaerator drain.

B. Provide 1” cold water from nearest cold water line 2” or larger (downstream of back-flow preventer). Connect to tempering water connection on temperature regulator valve.

C. Increase size of the floor drain and connected drain piping to 6” and provide 6” connections in and out of oil interceptor.

D. Install all devices in accordance with manufacturer’s printed instructions.